Sequence Listing

<110> Baker, Jeffre
Chien, Kenneth
King, Kathleen
Pennica, Diane
Wood, William

<120> Cardiac Hypertrophy Factor and Uses Therefor

<130> P0894P1D2C6

<140> US 10/722,095
<141> 2003-11-24

<150> US 09/896,856
<151> 2001-06-29

<150> US 09/033,114
<151> 1998-03-02

<150> US 08/733,850
<151> 1996-10-18

<150> US 08/443,129
<151> 1995-05-17

<150> US 08/286,304
<151> 1994-08-05

<150> US 08/233,609
<151> 1994-04-25

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<212> DNA
<213> Mus musculus

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accagactga ctcctcaatc tcattcctac cccatttgga ggccaagatc 100

cgccagacac acaaccttgc ccgcctcctg accaaatatg cagaacaact 150

tctggaggaa tacgtgcagc aacagggaga gccctttggg ctgccgggct 200

tctcaccacc gcggctgccg ctggccggcc tgagtggccc ggctccgagc 250

catgcagggc taccggtgtc cgagcggctg cggcaggatg cagccgccct 300

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gcggtctgtg tgttggaacg ggcggaggac tggtttatac gtcttgttga 150

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gtacgtcccg atggccacag gctcgccgac gccgtcctac gtcggcggga 300

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gacacaggac acacaagaac ccgacaggga tagaaagacg taaacacacc 750

agagagagaa gacgagagga gagacgtccc tcgaagaaaa aaggttgtca 800

aagagcaaaa cagagagagg tcagaacttg tgaaaacaga ggctctccag 850

agaaaaacaa aggaacagag aaccaagaaa gaaacgaacg aacgaacgaa 900

cgaacgaaca acaactctgt cccagagtgg tatatcgaga cctaccggac 950

cttgaacgat acatccggtc cgaccggagg tcgagtatct ctaggtgaac 1000

ggaggctgag ggttaaaggg gtagacagag ggacactagg tatacccata 1050

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aagaaacaag aaatgactgg tcttttcacg gatgaacagg ggaccaccgt 1150

tccggtaagt ggaatcctgg aagggtggtc aaggaaacat ccgtttaggg 1200

aggggaaac tccaggaagg gaaagtatgg cgggatccga ccagttacct 1250

ctctctttcc gtctttttgt agaaatttct caaaataaac tcttatttaa 1300

ttaaaaacat ttattttaca aattgttatt ttgatttgaa aatacttttt 1350

tt 1352

<210> 3
<211> 203
<212> PRT
<213> Mus Musculus

<400> 3

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				20				25						30	

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His Asn Leu Ala Arg Leu Leu Thr Lys Tyr Ala Glu Gln Leu Leu
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Glu Glu Tyr Val Gln Gln Gln Gly Glu Pro Phe Gly Leu Pro Gly
                50                  55                  60

Phe Ser Pro Pro Arg Leu Pro Leu Ala Gly Leu Ser Gly Pro Ala
                65                  70                  75

Pro Ser His Ala Gly Leu Pro Val Ser Glu Arg Leu Arg Gln Asp
                80                  85                  90

Ala Ala Ala Leu Ser Val Leu Pro Ala Leu Leu Asp Ala Val Arg
                95                 100                 105

Arg Arg Gln Ala Glu Leu Asn Pro Arg Ala Pro Arg Leu Leu Arg
               110                 115                 120

Ser Leu Glu Asp Ala Ala Arg Gln Val Arg Ala Leu Gly Ala Ala
               125                 130                 135

Val Glu Thr Val Leu Ala Ala Leu Gly Ala Ala Ala Arg Gly Pro
               140                 145                 150

Gly Pro Glu Pro Val Thr Val Ala Thr Leu Phe Thr Ala Asn Ser
               155                 160                 165

Thr Ala Gly Ile Phe Ser Ala Lys Val Leu Gly Phe His Val Cys
               170                 175                 180

Gly Leu Tyr Gly Glu Trp Val Ser Arg Thr Glu Gly Asp Leu Gly
               185                 190                 195

Gln Leu Val Pro Gly Gly Val Ala
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<210> 4
<211> 200
<212> PRT
<213> Homo sapiens

<400> 4

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Leu Cys Ser Arg Ser Ile Trp Leu Ala Arg Lys Ile Arg Ser Asp
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Leu Thr Ala Leu Thr Glu Ser Tyr Val Lys His Gln Gly Leu Asn
                35                  40                  45

Lys Asn Ile Asn Leu Asp Ser Ala Asp Gly Met Pro Val Ala Ser
                50                  55                  60

Thr Asp Gln Trp Ser Glu Leu Thr Glu Ala Glu Arg Leu Gln Glu
                65                  70                  75
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Asn Leu Gln Ala Tyr Arg Thr Phe His Val Leu Leu Ala Arg Leu
80 85 90

Leu Glu Asp Gln Gln Val His Phe Thr Pro Thr Glu Gly Asp Phe
95 100 105

His Gln Ala Ile His Thr Leu Leu Leu Gln Val Ala Ala Phe Ala
110 115 120

Tyr Gln Ile Glu Glu Leu Met Ile Leu Leu Glu Tyr Lys Ile Pro
125 130 135

Arg Asn Glu Ala Asp Gly Met Pro Ile Asn Val Gly Asp Gly Gly
140 145 150

Leu Phe Glu Lys Lys Leu Trp Gly Leu Lys Val Leu Gln Glu Leu
155 160 165

Ser Gln Trp Thr Val Arg Ser Ile His Asp Leu Arg Phe Ile Ser
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Ser His Gln Thr Gly Ile Pro Ala Arg Gly Ser His Tyr Ile Ala
185 190 195

Asn Asn Lys Lys Met
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<210> 5
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
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<210> 6
<211> 1018
<212> DNA
<213> Homo sapiens

<400> 6
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acgctgagca gctgctccag gaatatgtgc agctccaggg agaccccttc 200

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acgcggcggc gctggccgcg ctgcccccgc tgctggacgc agtgtgtcgc 350

cgccaggccg agctgaaccc gcgcgcgccg cgcctgctgc gccgcctgga 400

ggacgcggcg cgccaggccc gggccctggg cgccgccgtg gaggccttgc 450

tggccgcgct gggcgccgcc aaccgcgggc cccgggccga gccccccgcc 500

gccaccgcct cagccgcctc cgccaccggg gtcttccccg ccaaggtgct 550

ggggctccgc gtttgcggcc tctaccgcga gtggctgagc cgcaccgagg 600

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agctgggact acaggcacgc gccaccacag ccggctaatt ttttatttaa 950

ttttttgtag agacgaggtt tcgccatgtt gcccaggctg gtcttgaact 1000

ccggggctca agcgatcc 1018

<210> 7
<211> 1018
<212> DNA
<213> Homo sapiens

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cctccggttc taggcagtct gtgtgtcgga acgcgtggag gagtggttta 150

tgcgactcgt cgacgaggtc cttatacacg tcgaggtccc tctggggaag 200

cccgacgggt cgaagagcgg cggcgccgac ggccaccggc cggactcgcg 250

gggccgaggc tcggtgcgcc ccgacggtca cgtgctcgcc gacgccgacc 300

tgcgccgccg cgaccggcgc gacgggggcg acgacctgcg tcacacagcg 350

gcggtccggc tcgacttggg cgcgcgcggc gcggacgacg cggcggacct 400

cctgcgccgc gcggtccggg cccgggaccc gcggcggcac ctccggaacg 450

accggcgcga cccgcggcgg ttggcgcccg gggcccggct cgggggcgg 500

cggtggcgga gtcggcggag gcggtggccc cagaaggggc ggttccacga 550

ccccgaggcg caaacgccgg agatggcgct caccgactcg gcgtggctcc 600

cgctggaccc ggtcgacgac gggcccccga gccggactcg cggcgccccg 650

tcgagcgggg cggaggaggg cgacccaagg cagagaggaa ggcgaagaaa 700

cagaaagaga cggcgacagc cacagacaga cagacgagaa tcgacagagg 750

taacggagcc ggaagaaacg aaaaacaccc cctctcccct cccctgcccg 800

tcccagagac agcgggtccg accccacgtc accgcgctag ggtcgtgacg 850

tcggagttgg aggacccgag ttcggtagga aggcggagtc gaaggggtcg 900

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<210> 8
<211> 201
<212> PRT
<213> Homo sapiens

<400> 8

Met	Ser	Arg	Arg	Glu	Gly	Ser	Leu	Glu	Asp	Pro	Gln	Thr	Asp	Ser	
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Ser	Val	Ser	Leu	Leu	Pro	His	Leu	Glu	Ala	Lys	Ile	Arg	Gln	Thr	
				20				25						30	
His	Ser	Leu	Ala	His	Leu	Leu	Thr	Lys	Tyr	Ala	Glu	Gln	Leu	Leu	
				35				40						45	
Gln	Glu	Tyr	Val	Gln	Leu	Gln	Gly	Asp	Pro	Phe	Gly	Leu	Pro	Ser	
				50				55						60	
Phe	Ser	Pro	Pro	Arg	Leu	Pro	Val	Ala	Gly	Leu	Ser	Ala	Pro	Ala	
				65				70						75	
Pro	Ser	His	Ala	Gly	Leu	Pro	Val	His	Glu	Arg	Leu	Arg	Leu	Asp	
				80				85						90	
Ala	Ala	Ala	Leu	Ala	Ala	Leu	Pro	Pro	Leu	Leu	Asp	Ala	Val	Cys	
				95				100						105	
Arg	Arg	Gln	Ala	Glu	Leu	Asn	Pro	Arg	Ala	Pro	Arg	Leu	Leu	Arg	
				110				115						120	
Arg	Leu	Glu	Asp	Ala	Ala	Arg	Gln	Ala	Arg	Ala	Leu	Gly	Ala	Ala	
				125				130						135	
Val	Glu	Ala	Leu	Leu	Ala	Ala	Leu	Gly	Ala	Ala	Asn	Arg	Gly	Pro	
				140				145						150	

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Arg Ala Glu Pro Pro Ala Ala Thr Ala Ser Ala Ala Ser Ala Thr
                155                 160                 165

Gly Val Phe Pro Ala Lys Val Leu Gly Leu Arg Val Cys Gly Leu
                170                 175                 180

Tyr Arg Glu Trp Leu Ser Arg Thr Glu Gly Asp Leu Gly Gln Leu
                185                 190                 195

Leu Pro Gly Gly Ser Ala
                200
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